



Seeplex®

STI / STD

Viral / Bacteria / Yeast Detection

Detects viruses, bacteria and yeast that are known to cause Sexually Transmitted Infection.

CE IVD

 **Seegene**

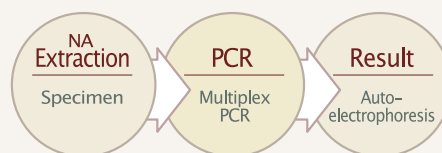


STI pathogen

Multiplex PCR Test

Seeplex® STI ACE Detection detects multiple pathogens known to cause sexually transmitted infections (STI) from clinical samples (urine, swabs (urethral, vaginal, cervical and lesion) and liquid-based cytology specimens (ex. ThinPrep®)). Conventional methods (ELISA, Giemsa stain, culture, etc.) for detection of STI pathogens take several days and suffers from poor sensitivity. Seegene's STI ACE Detection is outstanding in terms of sensitivity and specificity utilizing Seegene's DPO™ technology the assay is able to detect multiple STI causing pathogens simultaneously. Seeplex® STI ACE Detection (V2.0) products are provided with an Internal Control (STI IC). The STI IC allows the user to confirm the efficiency of the nucleic acid isolation and PCR reaction.

Process



Specimen Types

urine, swab (urethral, vaginal, cervical and lesion) and liquid-based cytology specimens

Validated Instrumentation

Extraction & PCR Setup

Nimbus IVD (Hamilton)*
STARLET (Hamilton)*
SEEPREP12™* Extraction only

PCR

GeneAmp® 9700 (Life Technologies)
SEEAMP™*

Auto-electrophoresis

ScreenTape® System (Agilent)
MCE®-202 MultiNA (SHIMADZU)
LabChip® Dx (Caliper)*

* The utilization of the Seeplex® STI ACE Detection is not CE approved for use on this instrument.

Product

Cat. No. Size

STD6 ACE Detection (V2.0) CE 0086 SD6600Y 50 rxns

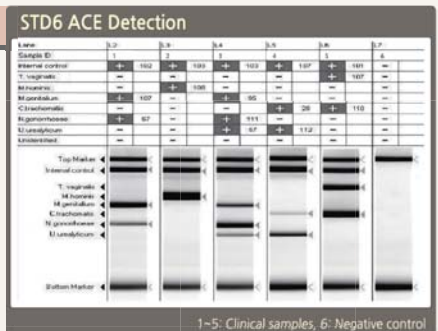
STD4D ACE Detection (V2.0) CE SD6401Y 50 rxns

Seeplex® STD6 ACE Detection

CE 0086

Analyte

Trichomonas vaginalis
Mycoplasma hominis
Mycoplasma genitalium
Chlamydia trachomatis
Neisseria gonorrhoeae
Ureaplasma urealyticum

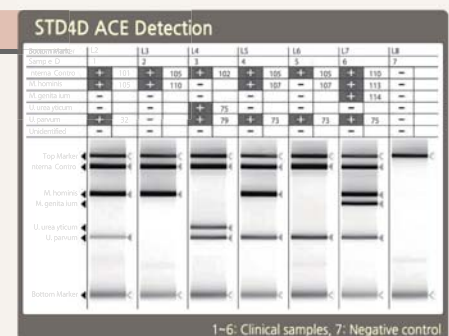


Seeplex® STD4D ACE Detection

CE

Analyte

Mycoplasma genitalium
Mycoplasma hominis
Ureaplasma urealyticum
Ureaplasma parvum



Seeplex® STI ACE Detection

Analyte

STI Master Panel 1

€ € 0086

For screening for cervicitis, urethritis, trichomoniasis and PID (pelvic inflammatory disease)

Trichomonas vaginalis
Mycoplasma hominis
Mycoplasma genitalium
Chlamydia trachomatis
Neisseria gonorrhoeae
Ureaplasma urealyticum/parvum

STI Master Panel 3

For screening for candidiasis

Candida glabrata
Candida tropicalis
Candida parapsilosis
Candida krusei
Candida albicans
Candida dubliniensis

STI Master Panel 2

For screening for bacterial vaginosis

Gardnerella vaginalis
Bacteroides fragilis
Mobiluncus curtisii
Atopobium vaginae
Mobiluncus mulieris

STI Master Panel 4

For detection of trichomoniasis and typing of HSV

Trichomonas vaginalis
HSV1
HSV2

STI Master Panel 5

For diagnosis of soft-chancroid, hard-chancroid, ulcer and GBS

CMV
Treponema pallidum
Haemophilus ducreyi
Lymphogranuloma venereum (LGV)
Group B Streptococcus (GBS)

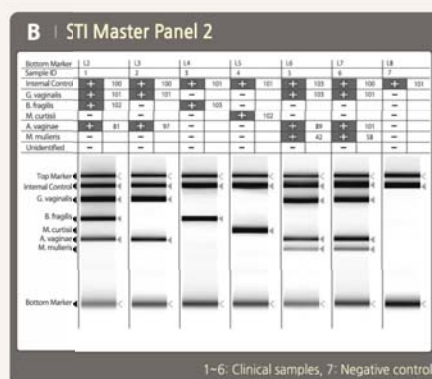
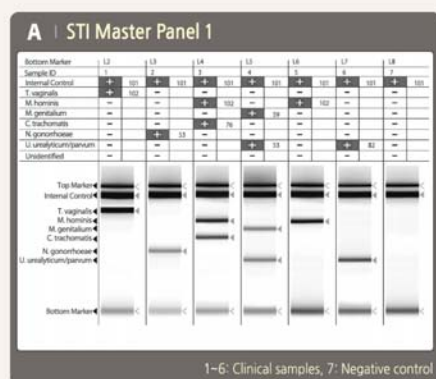
Related publication

- Kim, T. H. *et al.*, 2007, Korean J. Urol., 48 (3):304–309.
- Horii, T. *et al.*, 2009, Lett. Appl. Microbiol., 49(1) :46–52.
- Yang, J. S. *et al.*, 2010, Korean J. Obstet. Gynecol., 49(1) :46–52.
- Shim, H. S. *et al.*, 2010, BMC Infect. Dis., 10:284.
- Lee, S. J. *et al.*, 2011, Japanese Society of Chemotherapy and The Japanese Association for Infectious Diseases 2012, DOI 10.1007/s10156-011-0362-7.
- Kim, S. J. *et al.*, 2011, Korean J. Urol., 52:703–708.
- Kim, T. H. *et al.*, 2011, Korean J. Urol., 52 (3):194–199.
- Yu, N and Lee, M. K., 2011, Korean J. Clin. Microbiol., 14(1):30–4.
- Samra, Z. *et al.*, 2011, Diagn. Microbiol. Infect. Dis., In Press.
- Jo, S. *et al.*, 2011, J. Sex. Med., 8(8):2317–2326.

Product

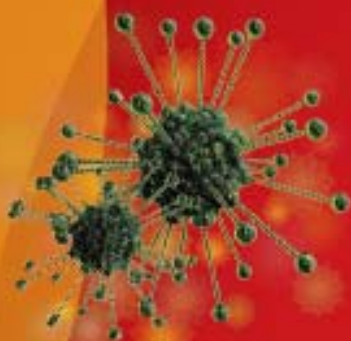
	Cat. No.	Size
STI Master ACE Detection*	SD6510X	100 rxns
STI Master Panel 1	SD6511X	100 rxns
STI Master Panel 1 (V2.0) € € 0086	SD6511Y	50 rxns
STI Master Panel 2	SD6512X	100 rxns
STI Master Panel 3	SD6513X	100 rxns
STI Master Panel 4	SD6514X	100 rxns
STI Master Panel 5	SD6515X	100 rxns

*Note: Seeplex® STI Master ACE Detection is available for individual sale.





Seeplex®



Simultaneous Detection
Molecular Diagnostics
Automated Detection
DPO™-based Multiplex PCR



Seegene

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